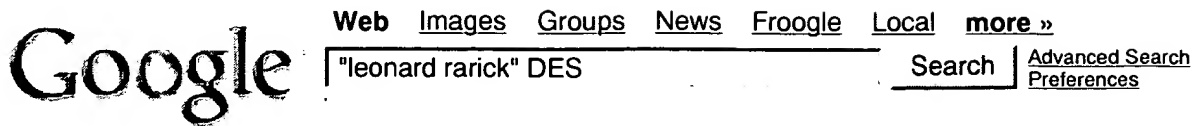


## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6704	(microprocessor or processor) with ("DES" or "Data encryption standard")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:53
L2	357	I1 with instruction	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:54
L3	16	I2 and ("GPRs" or "general purpose regster")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:50
L4	182	(microprocessor or processor) with "Data encryption standard"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:53
L5	17	I4 with instruction	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 20:19
L6	14	"6088800"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 20:33
L7	2	I1 and I6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 20:47
L8	92	"6157955"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 20:47
L9	14	I1 and I8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 20:47



## Web

Results 1 - 10 of about 27 for "**leonard rarick**" **DES**. (0.62 seconds)

Tip: Save time by hitting the return key instead of clicking on "search"

### Hans Eberle

... Sheueling Chang Shantz, Vipul Gupta, **Leonard Rarick**, Shreyas Sundaram: A ... Hans Eberle: A High-speed **DES** Implementation for Network Applications. ...  
[research.sun.com/people/eberle/](http://research.sun.com/people/eberle/) - 18k - [Cached](#) - [Similar pages](#)

#### [PDF] A Public-key Cryptographic Processor for RSA and ECC

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Hans Eberle, Nils Gura, Sheueling Chang Shantz, Vipul Gupta, **Leonard Rarick** ... is a source bus SBUS and a **des**-tination bus DBUS to transfer ...  
[research.sun.com/projects/crypto/ASAP2004\\_final\\_v4.pdf](http://research.sun.com/projects/crypto/ASAP2004_final_v4.pdf) - [Similar pages](#)

### A High-Speed **DES** Implementation for Network Applications

Eli Biham, How to decrypt or even substitute **DES**-Encrypted messages in 228 steps, ...  
**Leonard Rarick** · Sheueling Shantz · Sheueling Chang Shantz ...  
[portal.acm.org/citation.cfm?coll=GUIDE&dl=GUIDE&id=705526](http://portal.acm.org/citation.cfm?coll=GUIDE&dl=GUIDE&id=705526) - [Similar pages](#)

### Accelerating Next-Generation Public-Key Cryptosystems on General ...

... of the Data Encryption Standard (**DES**) and RC4 bulk encryption algorithms by ...  
**Leonard Rarick** is a senior staff hardware engineer at Sun Microsystems ...  
[doi.ieeecomputersociety.org/10.1109/MM.2005.24](http://doi.ieeecomputersociety.org/10.1109/MM.2005.24) - [Similar pages](#)

### Revue de Sommaires - Détail **des** articles d'une revue

Liste **des** articles disponibles pour la revue "IEEE MICRO" ... Vipul GUPTA ; Nils GURA ;  
**Leonard RARICK** ; Lawrence SPRACKLEN ; - page n° 52 ...  
[www.msh-reseau.prd.fr/RevueSom/detailrevue.jsp?Drevue=%22IEEE%20MICRO%22](http://www.msh-reseau.prd.fr/RevueSom/detailrevue.jsp?Drevue=%22IEEE%20MICRO%22) -  
143k - [Cached](#) - [Similar pages](#)

### DBLP: Hans Eberle

1 · EE, Hans Eberle: A High-Speed **DES** Implementation for Network Applications. CRYPTO  
1992: 521-539 ... 12, **Leonard Rarick**, [17]. 13, Daniel Scherrer, [6] ...  
[www.informatik.uni-trier.de/~ley/db/indices/a-tree/e/Eberle:Hans.html](http://www.informatik.uni-trier.de/~ley/db/indices/a-tree/e/Eberle:Hans.html) - 17k -  
[Cached](#) - [Similar pages](#)

#### [PDF] Comments Received on DRAFT ANS X9.doc

File Format: PDF/Adobe Acrobat - [View as HTML](#)

such as **DES** and AES incorporate hash functions as secondary. modes of operation. The  
hash function provides us with a ... **LEONARD RARICK**. SUN MICROSYSTEMS ...  
[csrc.nist.gov/CryptoToolkit/RNG/X9-82DraftComments.pdf](http://csrc.nist.gov/CryptoToolkit/RNG/X9-82DraftComments.pdf) - [Similar pages](#)

#### [PDF] A Public-key Cryptographic Processor for RSA and ECC

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Gupta, **Leonard.Rarick**@Sun.com. Shreyas Sundaram. University of Waterloo ... is A  
source bus SBUS and A **des**-tination bus DBUS to transfer ...  
[www.ews.uiuc.edu/~ssundarm/ASAP2004\\_final.pdf](http://www.ews.uiuc.edu/~ssundarm/ASAP2004_final.pdf) - Supplemental Result - [Similar pages](#)

### DBLP: Hans Eberle

... Sheueling Chang Shantz, Vipul Gupta, **Leonard Rarick**, Shreyas Sundaram: A Public-  
Key ... 1, EE, Hans Eberle: A High-Speed **DES** Implementation for Network ...  
[www.sigmod.org/dblp/db/indices/a-tree/e/Eberle:Hans.html](http://www.sigmod.org/dblp/db/indices/a-tree/e/Eberle:Hans.html) - 9k - Supplemental Result -  
[Cached](#) - [Similar pages](#)

[DBLP: Hans Eberle](#)

ACPC 1996: 36-49. 1992. 1, EE, Hans Eberle: A High-Speed **DES** Implementation for Network Applications. CRYPTO 1992: 521-539 ...

[www.sigmod.org/dblp/db/indices/a-tree/e/Eberle:Hans.html](http://www.sigmod.org/dblp/db/indices/a-tree/e/Eberle:Hans.html) - 9k - [Cached](#) - [Similar pages](#)

Try your search again on [Google Book Search](#)

Google ►

Result Page:    1   2   3    **Next**

Free! Get the Google Toolbar. [Download Now](#) - [About Toolbar](#)



[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google

Google [Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [Local](#) [more »](#)

[Advanced Search](#)  
[Preferences](#)

**Web** Results 1 - 10 of about 12 for "**general purpose microprocessor**" "**Data encryption standard**" "**genera**

[\[PDF\] PRINCIPLES OF ASYNCHRONOUS CIRCUIT DESIGN – A Systems Perspective](#)

[Sponsored Links](#)

File Format: PDF/Adobe Acrobat  
that it is a 16-bit signal processor rather than a **general-purpose microprocessor**. ... **Data encryption standard**, January 1997. ...  
[ece.ut.ac.ir/classpages/S85/AsynchronousCircuitDesign/ Kluwer%20Academic%20-%20Principles%20of%20Asynchron...](http://ece.ut.ac.ir/classpages/S85/AsynchronousCircuitDesign/Kluwer%20Academic%20-%20Principles%20of%20Asynchron...) - Similar pages

**Data Encryption Standard?**  
Brief and Straightforward Guide to  
**Encryption**  
[wisegeek.com](http://wisegeek.com)

[\[PDF\] CO-SYNTHESIS OF HARDWARE AND SOFTWARE FOR DIGITAL EMBEDDED SYSTEMS](#)

File Format: PDF/Adobe Acrobat  
based on the DES (**Data Encryption Standard**) protocol used by commercial banks ... To implement a coroutine in a **general purpose microprocessor**, ...  
[si2.epfl.ch/gdm/graduates/theses/rajesh.pdf](http://si2.epfl.ch/gdm/graduates/theses/rajesh.pdf) - Similar pages

[United States Patent Application: 0040141061](#)

Abstract. An Image sensing and printing device includes a housing. An area Image sensor is positioned on the housing for sensing a viewed Image to be ...  
[appft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netahtml/PTO/search-adv.html&r...](http://appft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netahtml/PTO/search-adv.html&r...) - 937k - Supplemental Result -  
[Cached](#) - [Similar pages](#)

[United States Patent Application: 0040213613](#)

Abstract. An Image sensing and processing apparatus includes An Image sensor that is capable of generating signals carrying data relating to An Image sensed ...  
[appft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=2&u=%2Fnetahhtml%2FPTO%2Fsearch-...](http://appft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=2&u=%2Fnetahhtml%2FPTO%2Fsearch-...) - 937k - Supplemental Result - [Cached](#) - [Similar pages](#)

[United States Patent Application: 0040218048](#)

Abstract. An Image processing apparatus for applying effects to a stored Image includes An optical reader. The apparatus includes a feed mechanism for ...  
[appft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=2&u=%2Fnetahhtml%2FPTO%2Fsearch-...](http://appft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=2&u=%2Fnetahhtml%2FPTO%2Fsearch-...) - 937k - Supplemental Result - [Cached](#) - [Similar pages](#)

[United States Patent Application: 0040218048](#)

Abstract. An Image processing apparatus for applying effects to a stored Image includes An optical reader. The apparatus includes a feed mechanism for ...  
[appft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=2&u=%2Fnetahhtml%2FPTO%2Fsearch-...](http://appft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=2&u=%2Fnetahhtml%2FPTO%2Fsearch-...) - 937k - Supplemental Result - [Cached](#) - [Similar pages](#)

[United States Patent Application: 0040218049](#)

Abstract. An Image sensing and printing device includes a housing. An area Image sensor is positioned on the housing for sensing a viewed Image to be ...  
[appft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=2&u=%2Fnetahhtml%2FPTO%2Fsearch-...](http://appft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=2&u=%2Fnetahhtml%2FPTO%2Fsearch-...) - 938k - Supplemental Result - [Cached](#) - [Similar pages](#)

[United States Patent Application: 0040196513](#)

Abstract. An Image processing apparatus for applying effects to a stored Image includes An optical reader. The apparatus includes a feed mechanism for ...  
[appft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=2&u=%2Fnetahhtml%2FPTO%2Fsearch-...](http://appft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&p=2&u=%2Fnetahhtml%2FPTO%2Fsearch-...) - 938k - Supplemental Result - [Cached](#) - [Similar pages](#)

[Image sensing apparatus including a microcontroller patent invention](#)

[0007] The industry trend for **general-purpose microprocessor** design is for ... [1893] DES

(**Data Encryption Standard**) is a US and international standard, ...

www.freshpatents.com/ Image-sensing-apparatus-including-a-microcontroller-  
dt20041028ptan20040213613.php - [Similar pages](#)

Image processing apparatus for applying effects to a stored image ...

[0009] The industry trend for **general-purpose microprocessor** design is for ... [1903] DES

(**Data Encryption Standard**) is a US and international standard, ...

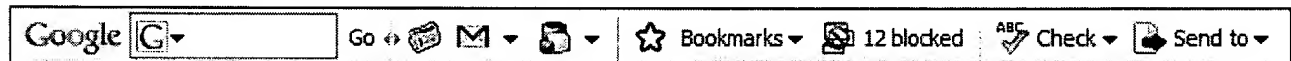
www.freshpatents.com/ Image-processing-apparatus-for-applying-effects-to-a-stored-image-  
dt20041104ptan2004... - [Similar pages](#)

Try your search again on [Google Book Search](#)

Google ►

Result Page: 1 2 [Next](#)

Free! Get the Google Toolbar. [Download Now](#) - [About Toolbar](#)




"general purpose microprocessor" " [Search](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google

[Sign in](#)

	<a href="#">Web</a> <a href="#">Images</a> <a href="#">Groups</a> <a href="#">News</a> <a href="#">Froogle</a> <a href="#">Local</a> <a href="#">more »</a>
	<input "data="" "general="" -..."="" encryption="" microprocessor"="" purpose="" register"="" standard"="" type="text" value='"general purpose microprocessor" "Data encryption standard" "general purpose register" -..."/&gt;&lt;/td&gt;&lt;td&gt;&lt;input type="button" value="Search"/&gt;&lt;/td&gt;&lt;td&gt;&lt;a href="#"&gt;Advanced Search&lt;/a&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td colspan="3"&gt;&lt;a href="#"&gt;Preferences&lt;/a&gt;&lt;/td&gt;&lt;/tr&gt;&lt;/table&gt;&lt;/div&gt;&lt;div data-bbox="87 141 925 160" data-label="Text"&gt;&lt;p&gt;&lt;b&gt;Web&lt;/b&gt; Results 11 - 12 of 12 for "general purpose microprocessor" "Data encryption standard" "general purpose register" -...&lt;/p&gt;&lt;/div&gt;&lt;div data-bbox="81 175 531 193" data-label="Section-Header"&gt;&lt;p&gt;&lt;u&gt;Image sensing and printing device patent invention&lt;/u&gt;&lt;/p&gt;&lt;/div&gt;&lt;div data-bbox="81 191 626 235" data-label="Text"&gt;&lt;p&gt;[0010] The industry trend for &lt;b&gt;general-purpose microprocessor&lt;/b&gt; design is for ... [1851] DES (&lt;b&gt;Data Encryption Standard&lt;/b&gt;) is a US and international standard, ...&lt;/p&gt;&lt;/div&gt;&lt;div data-bbox="81 233 520 264" data-label="Text"&gt;&lt;p&gt;&lt;a href="http://www.freshpatents.com/Image-sensing-and-printing-device-dt20041104ptan20040218049.php"&gt;www.freshpatents.com/Image-sensing-and-printing-device-dt20041104ptan20040218049.php&lt;/a&gt; - Similar pages&lt;/p&gt;&lt;/div&gt;&lt;div data-bbox="717 179 852 194" data-label="Text"&gt;&lt;p&gt;Sponsored Links&lt;/p&gt;&lt;/div&gt;&lt;div data-bbox="651 205 923 224" data-label="Section-Header"&gt;&lt;p&gt;&lt;b&gt;&lt;u&gt;Data Encryption Standard?&lt;/u&gt;&lt;/b&gt;&lt;/p&gt;&lt;/div&gt;&lt;div data-bbox="651 222 919 266" data-label="Text"&gt;&lt;p&gt;Brief and Straightforward Guide to &lt;b&gt;Encryption&lt;/b&gt;&lt;br/&gt;&lt;a href="http://wisegeek.com"&gt;wisegeek.com&lt;/a&gt;&lt;/p&gt;&lt;/div&gt;&lt;div data-bbox="129 277 588 311" data-label="Section-Header"&gt;&lt;p&gt;&lt;u&gt;Method of capturing and processing sensed images patent&lt;/u&gt;&lt;/p&gt;&lt;/div&gt;&lt;div data-bbox="129 310 794 342" data-label="Text"&gt;&lt;p&gt;Freshpatents.com offers information on a variety of new patent applications, updated each week - check out Method of capturing and processing sensed images ...&lt;/p&gt;&lt;/div&gt;&lt;div data-bbox="129 340 790 370" data-label="Text"&gt;&lt;p&gt;&lt;a href="http://www.freshpatents.com/Method-of-capturing-and-processing-sensed-images-dt20041028ptan20040213482.php"&gt;www.freshpatents.com/Method-of-capturing-and-processing-sensed-images-dt20041028ptan20040213482.php&lt;/a&gt; - 931k - Supplemental Result - Cached - Similar pages&lt;/p&gt;&lt;/div&gt;&lt;div data-bbox="481 398 635 426" data-label="Image"&gt;&lt;img alt="Google logo with a left-pointing arrow" data-bbox="481 398 635 426"/&gt;&lt;/div&gt;&lt;div data-bbox="354 426 579 443" data-label="Text"&gt;&lt;p&gt;Result Page: &lt;a href="#"&gt;Previous&lt;/a&gt; &lt;a href="#"&gt;1&lt;/a&gt; &lt;a href="#"&gt;2&lt;/a&gt;&lt;/p&gt;&lt;/div&gt;&lt;div data-bbox="320 496 670 515" data-label="Text"&gt;&lt;p&gt;&lt;input type="text" value='/> <input type="button" value="Search"/>

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google



[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

+"general purpose microprocessor", +"general purpose registers"



## Nothing Found

Your search for +"general purpose microprocessor", +"general purpose registers", +"data encryption standard" did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

### Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

- Exclude pages by using a - if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.  
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [Real Player](#)


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: [The ACM Digital Library](#) [The Guide](#)

+"general purpose microprocessor", +"data encryption standard"

## Nothing Found

Your search for +"general purpose microprocessor", +"data encryption standard" did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

## Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

- Exclude pages by using a - if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [Real Player](#)